

## EAST Search History

| Ref # | Hits  | Search Query                             | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| L1    | 40623 | vacuum adj deposition                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 11:10 |
| L2    | 505   | I1 near7 (advantage\$7 or<br>benefi\$7)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 11:10 |
| L4    | 8989  | electron adj beam adj lithography        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 11:14 |
| L5    | 225   | I4 near7 (advantage\$7 or<br>benefi\$7)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 11:17 |
| L6    | 2     | "20020025391".pn.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 11:20 |
| L7    | 10818 | (electron adj beam) near4<br>lithography | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 11:21 |
| L8    | 272   | I7 near7 (advantage\$7 or<br>benefi\$7)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/15 13:36 |

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|-----|--------|--|--|----|----|------------------|
| L9  | 232680 | CVD or (chemical adj vapor adj deposition)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 13:38 |
| L10 | 5418   | I9 near7 (advantage\$7 or benefi\$7)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 13:38 |
| L11 | 231    | I10 and (TFT or (thin adj film adj transistor))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 13:46 |
| L12 | 4321   | emboss\$4 near7 (advantage\$7 or benefi\$7)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 14:24 |
| L13 | 236258 | ((semiconduct\$5 or active) adj (layer or region)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 14:25 |
| L14 | 5798   | I13 near7 undop\$5                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 14:25 |
| L15 | 492    | I14 and (TFT or (thin adj film adj transistor))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 14:46 |

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|-----|-------|---|--|----|----|------------------|
| L16 | 12524 | (air adj gap) and semiconductor                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 14:46 |
| L17 | 910   | (air adj gap) and (TFT or (thin adj film adj transistor)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 14:55 |
| L18 | 2     | "20070018151".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 15:55 |
| L19 | 8160  | (ohmic adj contact) with l13                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 15:56 |
| L20 | 900   | (ohmic adj contact) near7<br>(advantage\$7 or benefit\$7) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 16:38 |
| L21 | 617   | TFT and (source same drain same undoped)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 18:16 |
| L22 | 2     | "20020084459".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 18:16 |

## EAST Search History

|    |        |   |  |    |     |                  |
|----|--------|---|--|----|-----|------------------|
| S1 | 128739 | TFT or (thin adj film adj transistor)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/14 12:02 |
| S2 | 19018  | transconductance                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/14 12:02 |
| S3 | 470    | S1 and S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/14 12:02 |
| S4 | 6      | (("6008505") or ("20020173083") or ("6344662")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/14 12:15 |
| S5 | 4      | ("2003092232").PN.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/14 12:16 |
| S6 | 4      | "2003092232".pn.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/14 12:17 |
| S7 | 0      | de-10153656   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/14 12:18 |

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|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S8  | 30201  | S1 and ((semiconduct\$4 or active) adj (region or layer)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 12:31 |
| S9  | 236105 | ((semiconduct\$4 or active) adj (region or layer))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 12:42 |
| S10 | 4118   | S9 with polymer\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 12:44 |
| S11 | 735    | S10 and S1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 12:33 |
| S12 | 120    | S9 with transconductance                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 12:43 |
| S13 | 15     | S1 and S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 12:43 |
| S14 | 3713   | S9 near15 polymer\$6                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 14:23 |

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|     |       |                              |  |    |    |                  |
|-----|-------|------------------------------|--|----|----|------------------|
| S15 | 685   | S14 and S1                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 15:04 |
| S16 | 18999 | short adj channel            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 15:04 |
| S17 | 32    | S16 and S15                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 15:06 |
| S18 | 11666 | short adj channel adj effect | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 15:07 |
| S19 | 8     | S18 and S15                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/14 15:19 |
| S20 | 2     | "20030160235".pn.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/15 11:14 |